

Handwritten signature and date 6/10/96
Regional Remediation Team

Monthly Progress Report No. 71

ciba

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Submitted to: Mr. Frank Battaglia, Project Manager
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Pursuant to: RCRA I-88-1088

Facility Site: Cranston, RI

Period Covered: May 1996 (May 4, 1996 - May 31, 1996) through
fifth Friday of the month.

Date Submitted: June 10, 1996

1.0 SUMMARY

This is the seventy first monthly progress report. There were four areas of significant activity this month:

- **Stabilization IRM** - The groundwater extraction wells 110 and 120 and the pretreatment system continued to operate during May with no problems. The Soil Vapor Extraction (SVE) System still has not become operational because of software problems. This item of concern will be addressed in 3.0 Jeopardy Tasks.
- **Sediment Removal IRM** - The revision of this report is still not complete but should be submitted to EPA by the end of June. It has been held up by other efforts.
- **On-Site IRM** - On May 21, the EPA raised some concerns about elevated levels of PCBs remaining at the 2 ft depth in a small spot area of SWMU #5 on the Warwick Property. Ciba will address this concern in June.
- **Pawtuxet River CMS Report** - Ciba and its consultants started work on the CMS report in mid-April. We anticipate preparation of a "focused" report similar to the On-Site CMS, where only 3-4 alternatives will be considered for evaluation/selection. The CMS will be addressed further below.

Post-it* Fax Note		7671	Date	6/10/96	# of pages	4
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SEMS DocID 100016417

2.0 TASKS AND ACTIVITIES COMPLETED

Sampling and other task activities are reported here.

2.1 Sampling Activities Completed

The preliminary metals results from the April 30 to May 2 re-sampling of the 17 groundwater monitoring wells in the Production Area indicates that the concentrations (total/soluble) are essentially the same as the RFI measurements. On the other hand, the significant decline in volatile organics has been confirmed. These results will be provide in the June monthly report.

2.2. Media Protection Standards (MPS)

On May 3, 1996, Ciba submitted preliminary media protection standards (MPS) for six volatiles found in the Production Area groundwater and identified the point(s) of compliance as the river sediment wells (SW-110, 120, 130). It is our understanding that the final selection of MPS and the related compliance points will be handled in the Pawtuxet River CMS.

- WELLS RECEIVE G.W. FROM SITE
- HOW LONG TO RECHARGE & MOVE TO RIVER
- SEMI-ANNUAL SAMPLING

? SHOULD BE ON-SITE WELLS?

DISCUSS ISSUE

3.0 JEOPARDY TASKS

The Soil Vacuum Extraction (SVE) system has still not been started up continuously because of software programming errors. Ciba has hired Advanced Automation Associates to replace the original SVE vendor, RSI, who was unable to reprogram the control software. Currently, it would be potentially unsafe to operate the SVE without the appropriate automated shutdowns in place.

COULD BE

OK FOR ANALYTICAL

BUT IS OK

FOR HEAP MEASUREMENTS

SPORK W/ CIBA
6-17-96 11:00

4.0 OTHER TASKS UNDERWAY

4.1 Pawtuxet River CMS

On May 28, 1996, Ciba and its consultants held a teleconference call with USEPA to discuss comments on Ciba's outline for the Corrective Measures Study (CMS) Report. Ciba has proposed preliminary MPS for groundwater only (and not sediment). During this conference call, the results of the ecological risk assessment were highlighted. Ciba understood that, although USEPA agreed with Ciba's approach, they would have to discuss it further internally. To facilitate the CMS, Ciba will continue preparation of the report without sediment MPS, which we believe are not appropriate for site related compounds.

DISCUSS ISSUE

• RIVER STUDY?

4.2 SWMU #5

Ciba reviewed the incremental lifetime cancer risk (ILCR) that might result from the elevated PCB concentrations remaining at SWMU #5 if they were assumed to be entirely the 1260 species and if future residents were somehow exposed to the subsoil. We have concluded that the ILCR would be in the 10^{-4} range. However, we are evaluating whether the risk can be lowered further by a spot removal of the elevated concentrations. A response will be submitted to EPA in June for action/no action.

5.0 DATA OBTAINED

No data was obtained during May. We anticipated reports on the resampling of the Production Area wells and effectiveness of the Groundwater Stabilization IRM in June.

6.0 PROBLEM AREAS

There are no problems, which are not being resolved, in a timely manner.

7.0 SCHEDULE OF TASKS (next two months)

The following tasks will be started, on-going, or completed in June and July.

- ✓ • Finish the Sediment Removal IRM Report (June)
- ✓ • Startup the SVE continuously (June)
- ✓ • Continue the River CMS Report (June-July)
- ✓ • Address PCBs Remaining at SWMU #5 (July)

8.0 CHANGES IN WORK PLAN

No changes to the Work Plan are proposed at this time; however, we have requested that the Toxicity Indicator Evaluations (TIES) in the Phase II River Study be eliminated based upon the results of the Aquatic Baseline Ecological Risk Assessment, submitted on March 29..

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DISCUSS

ONCE LODD @ CMS REPORT

9.0 OTHER COMMENTS

Ciba intends to ask for an extension on the Pawtuxet River CMS Report into August. 6-17-96
We will provide our reasons in a detailed letter to follow.

CAN MAKE DECISION

MMNTCRPROB

Ciba- Monthly Report Distribution List

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